

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A procedure for generating an address value for a communication terminal linked to a network, the procedure ~~being wherein it comprises~~ comprising the following steps, at terminal level:

a) scanning of messages sent over the network ~~and;~~

~~b) reception~~ receiving of a message interchanged between two communication terminals already configured comprising a pair of first and second address values;

~~b)c) determination of~~ determining a characteristic value of the network, said value being ~~contained in~~ the NOT exclusive OR between the first and the second address values;

~~e)d) calculation~~ calculating of a third address value containing the characteristic value of the network; and

~~e)e) assignment~~ assigning of the third address value to the communication terminal if ~~this~~ the third address value is not already assigned to another communication terminal.

2. (Currently Amended) the procedure for generating an address value as claimed in claim 1, wherein if the communication terminal ~~deduces~~ determines from the call captured on the communication network that the second address value is available, then the ~~calculation~~ calculating step ~~consists~~ comprises assigning the second address value as in giving to the third address value the value of the second value.

3. (Currently Amended) The procedure for generating an address value as claimed in claim 1, wherein ~~the third value is calculated by~~ said calculating a third address value comprises concatenating the characteristic value of ~~the a~~ a communication network with a specific value, ~~this the~~ the specific value being a maximum on ~~the a~~ a first calculation, ~~this the~~ the specific value being reduced by ~~one a~~ one a unit each time that the ~~preceding third value calculated~~ is found to be assigned to

said another communication terminal.

4. (Currently Amended) The procedure for generating an address value as claimed in claim 3, ~~wherein it comprises further comprising: a step consisting in~~ changing ~~the~~ a value of the least significant bit of the characteristic value of the network, ~~the~~ a new characteristic value being reduced by ~~this~~ a bit, said ~~step~~ changing being triggered when all the third address values calculated from ~~the~~ a preceding characteristic value of the network are already assigned to a communication terminal.

5. (Currently Amended) The procedure for generating an address value as claimed in claim 1, wherein the ~~assignment~~ assigning step comprises a step for sending a communication request to a communication terminal having the third address value, and a step for awaiting reception of a response, the reception of a response signifying that the third address value is not available.

6. (Currently Amended) The procedure for generating an address value as claimed in claim 1, wherein the ~~assignment~~ assigning step comprises a step for sending a communication request to a communication terminal having the third address value, and a step for receiving a message sent by the network following said communication request indicating that the third address value is not assigned to a communication terminal of the network, the step for receiving ~~such~~ a message triggering the ~~assignment~~ assigning of the third address value to the communication terminal.

7. (Currently Amended) An electronic device designed to be connected to a communication network, comprising:

a means of bi-directional communication with said communication network;

~~wherein it comprises~~ a means of receiving all the messages sent over the communication network in order to select a message interchanged between two communication terminals already configured, said message interchanged comprising a first and a second address value; and

a means for determining a characteristic value of the communication network which ~~constitutes a part of~~ is the NOT exclusive OR between the first and the second address values, and for calculating a third address value containing the characteristic value of the network, and for assigning ~~this the~~ third address value to the device if ~~this a~~ reaction following a communication request sent by the ~~communication~~ means of bi-directional communication to a device having the third address value indicates that ~~this the~~ third address value is not assigned to any communication terminal of the network.

8. (Currently Amended) The electronic device as claimed in claim 7, ~~wherein it comprises~~ further comprising:

a means of sending a communication request to a said device having the third address value;

and a means of detecting a response to said communication request, the ~~detection detecting~~ of a response signifying that the third address value is not assigned to another device of the network.

9. (Currently Amended) The electronic device as claimed in claim 7, wherein the ~~calculation calculating~~ means for determining and for calculating and for assigning concatenates the characteristic value of the network previously determined with a specific value, ~~this the~~ specific value being at ~~its a~~ maximum on a first calculation, ~~and the calculation~~ means for determining and for calculating and for assigning subtracting subtracts one a unit from ~~this the~~ specific value to calculate a new third address value when it turns out that the ~~preceding~~ calculated address value is already assigned to a communication terminal.

10. (Currently Amended) The electronic device as claimed in claim 7, ~~wherein it comprises~~ comprising a means for changing the a value of the least significant bit of the characteristic value of the network, ~~the a~~ new characteristic value being reduced by ~~this a~~ bit, said means for changing being triggered when it turns out that ~~all~~ third values calculated from ~~the a~~ preceding characteristic value of the network are already assigned to a communication terminal.